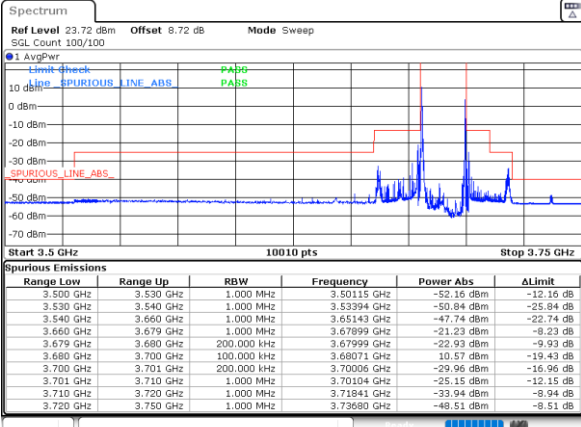




LTE Band 48B / 10MHz+10MHz

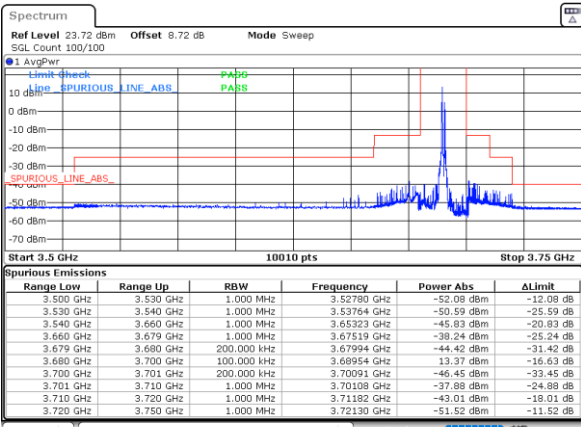
256QAM

Highest Band Edge / 1RB0 and 1RB49



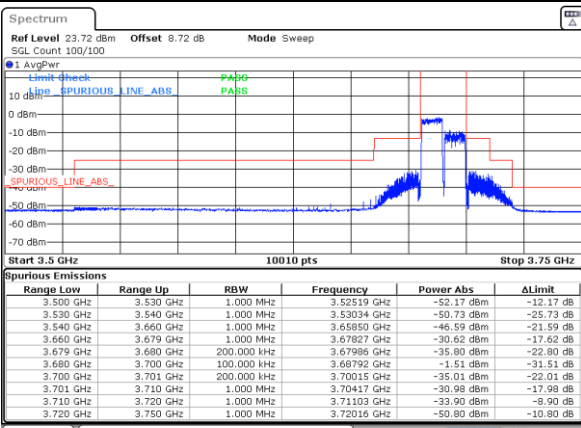
Date: 9_MAR.2024 02:54:09

Highest Band Edge / 1RB49 and 1RB0



Date: 9_MAR.2024 02:59:49

Highest Band Edge / Full RB



Date: 9_MAR.2024 02:53:32



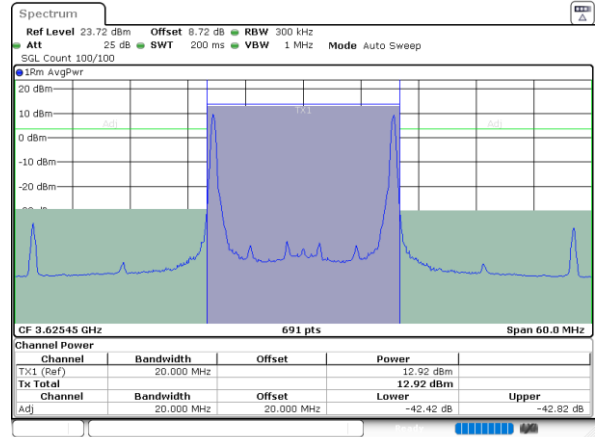
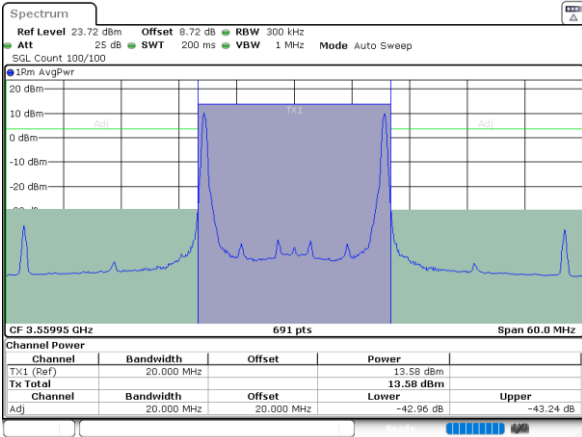
ACLR

LTE Band 48B / 10MHz+10MHz

QPSK

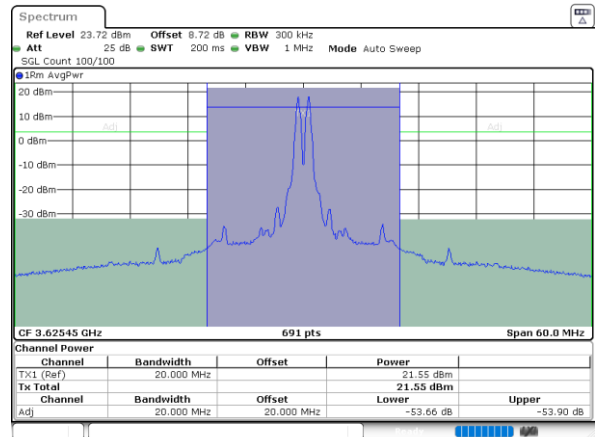
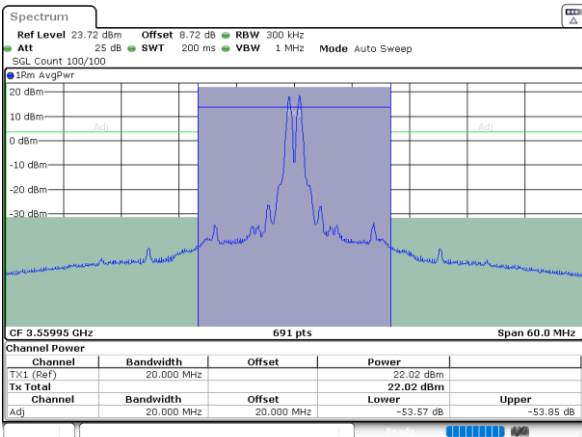
Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49



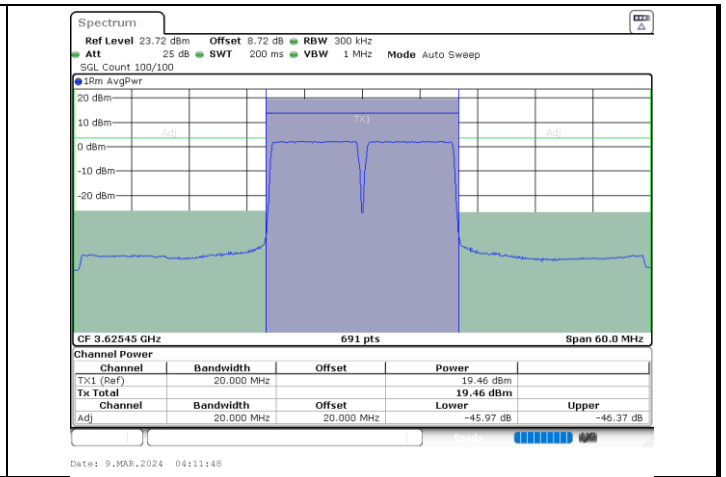
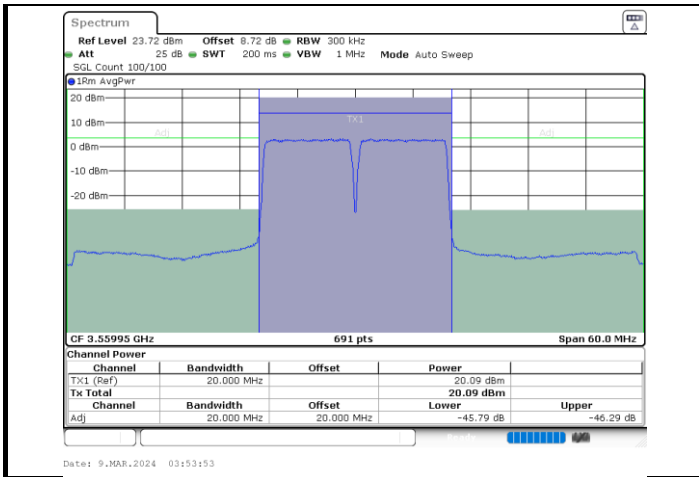
Lowest Band Edge / 1RB49 and 1RB0

Middle Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Middle Band Edge / Full RB

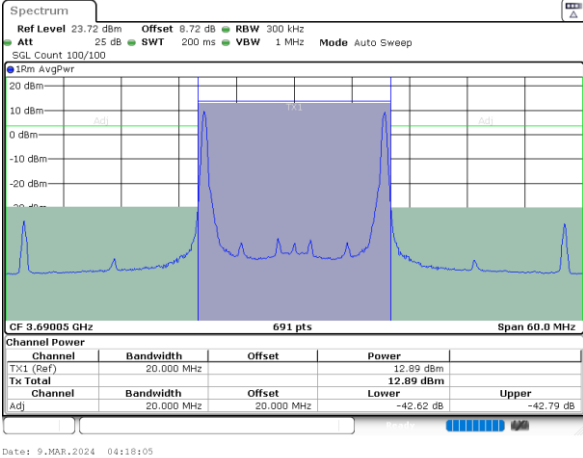




LTE Band 48B / 10MHz+10MHz

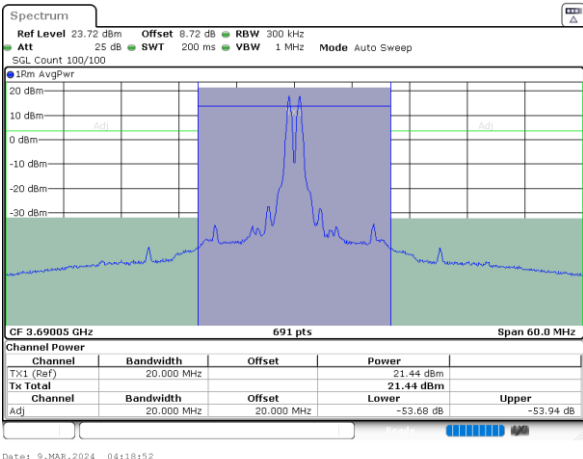
QPSK

Highest Band Edge / 1RB0 and 1RB49



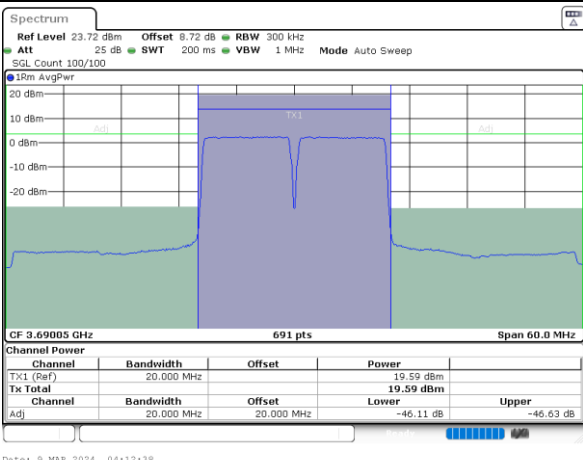
Date: 9_MAR_2024 04:18:05

Highest Band Edge / 1RB49 and 1RB0



Date: 9_MAR_2024 04:18:52

Highest Band Edge / Full RB



Date: 9_MAR_2024 04:12:38

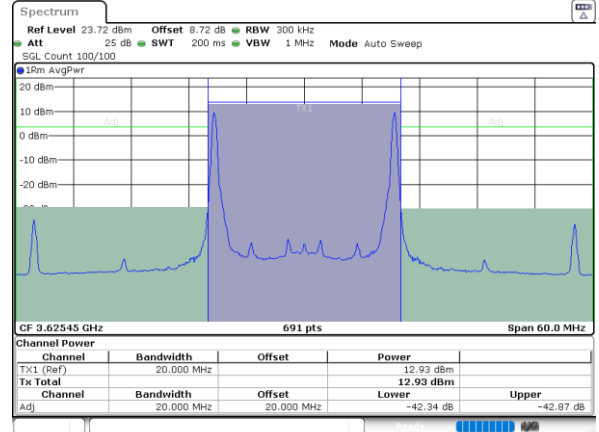
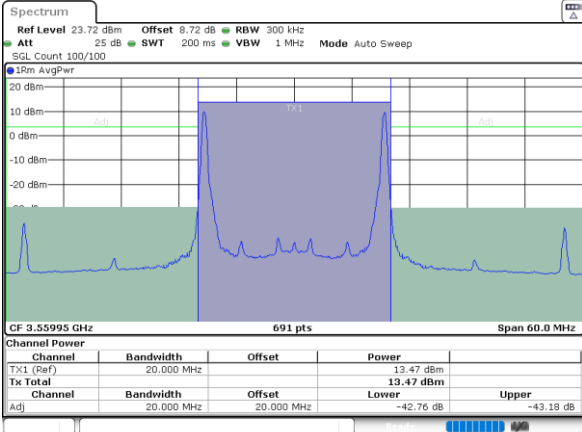


LTE Band 48B / 10MHz+10MHz

16QAM

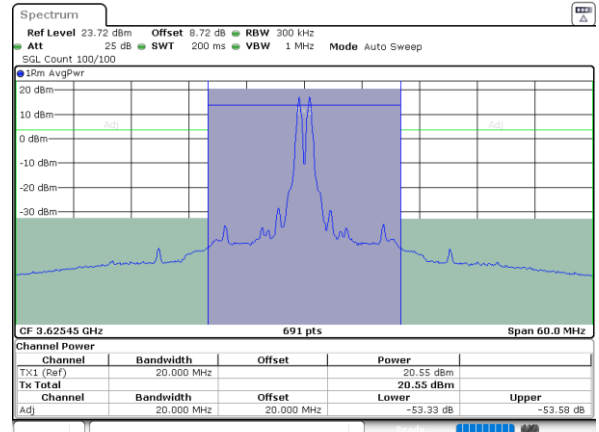
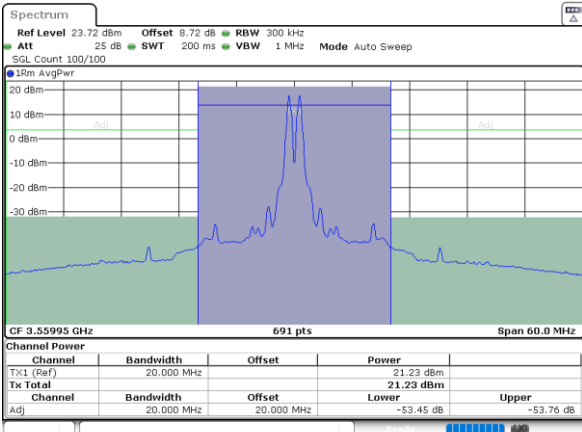
Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49



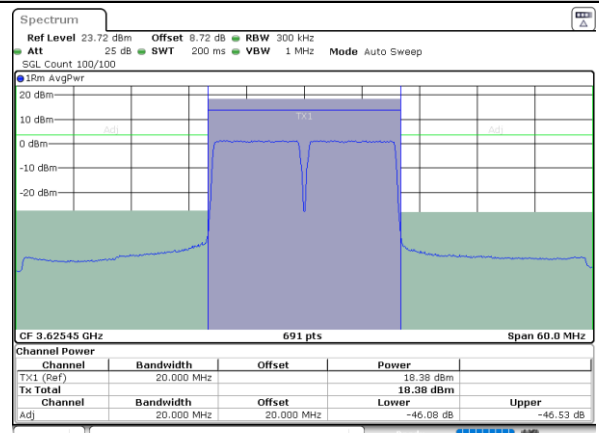
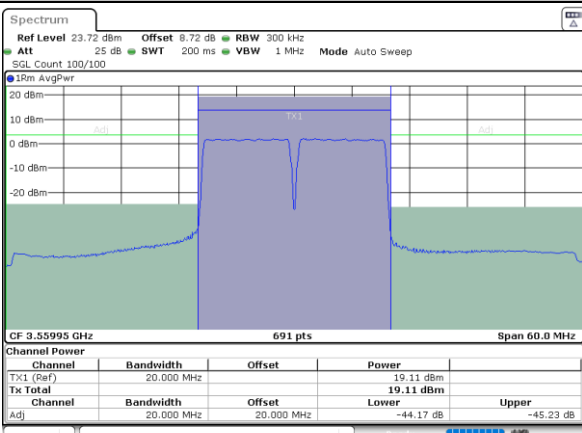
Lowest Band Edge / 1RB49 and 1RB0

Middle Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Middle Band Edge / Full RB

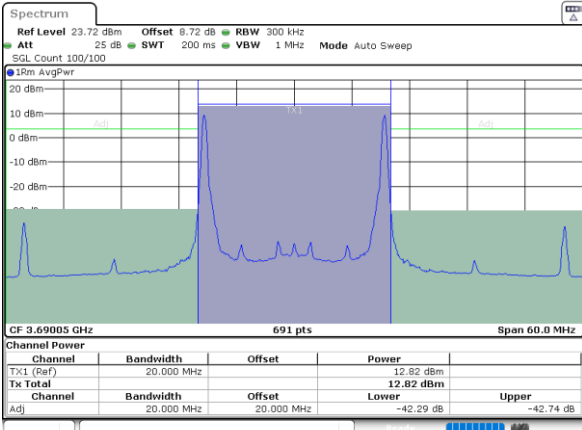




LTE Band 48B / 10MHz+10MHz

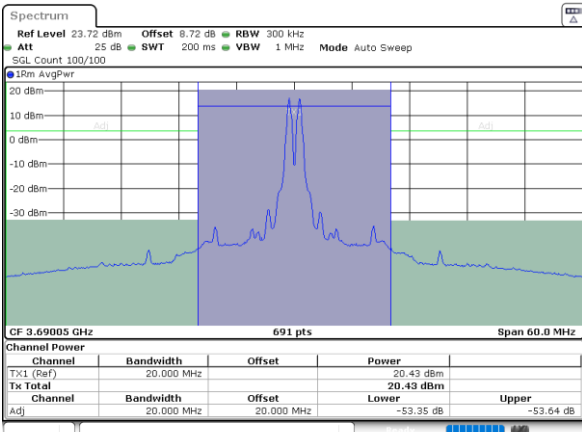
16QAM

Highest Band Edge / 1RB0 and 1RB49



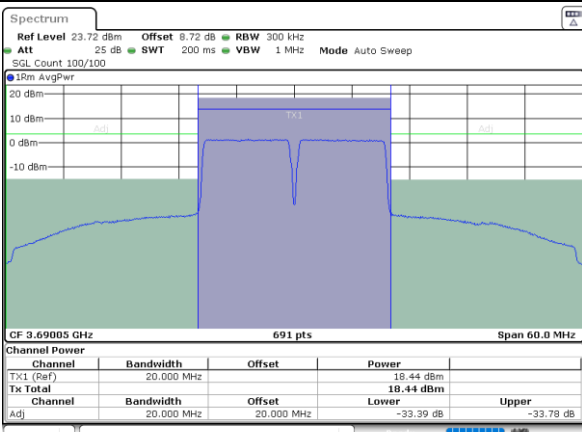
Date: 9_MAR_2024 04:17:19

Highest Band Edge / 1RB49 and 1RB0



Date: 9_MAR_2024 04:19:39

Highest Band Edge / Full RB



Date: 9_MAR_2024 04:13:25

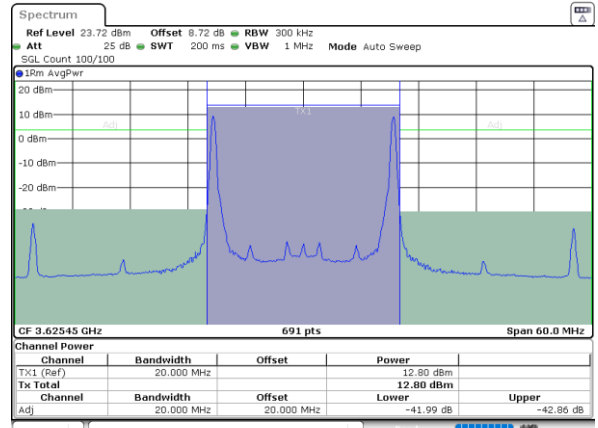
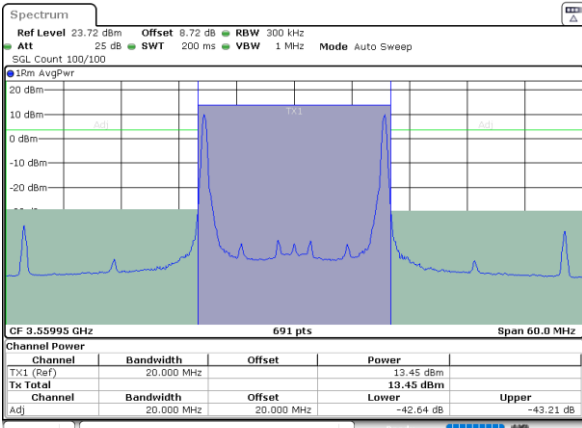


LTE Band 48B / 10MHz+10MHz

64QAM

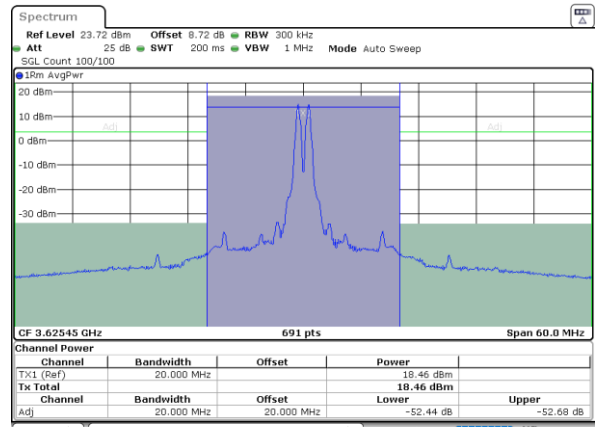
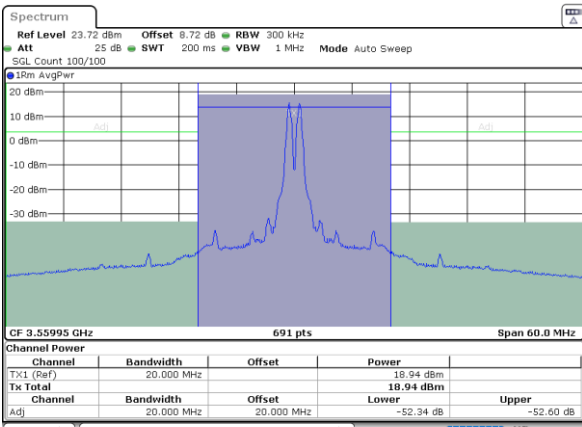
Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49



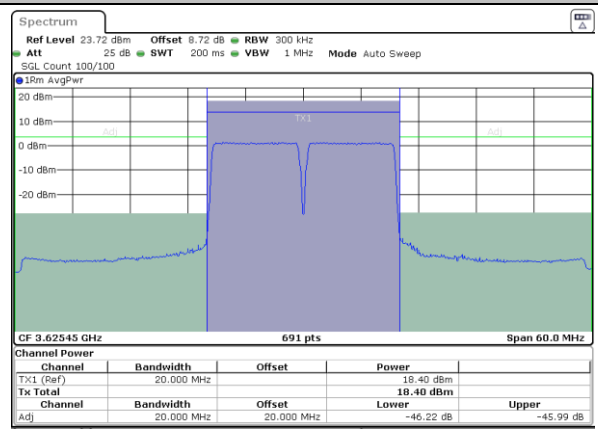
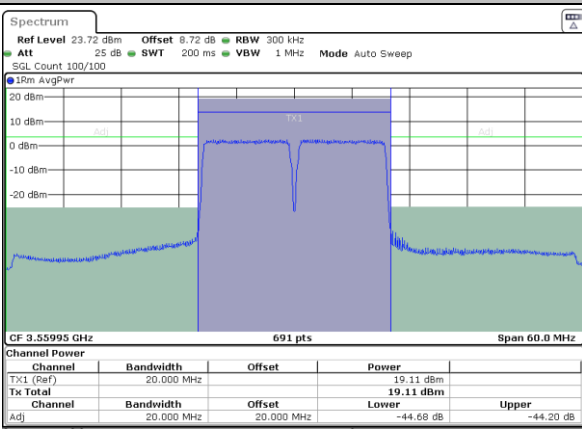
Lowest Band Edge / 1RB49 and 1RB0

Middle Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Middle Band Edge / Full RB

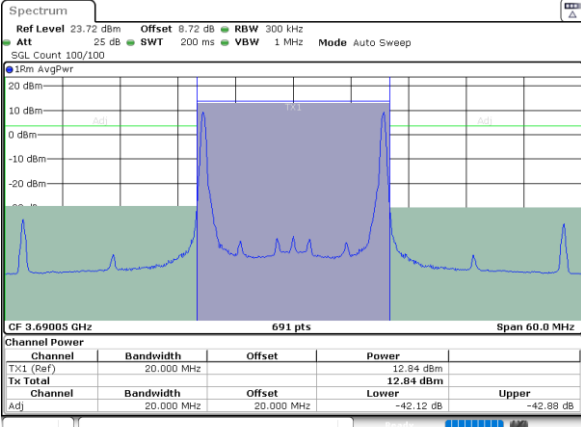




LTE Band 48B / 10MHz+10MHz

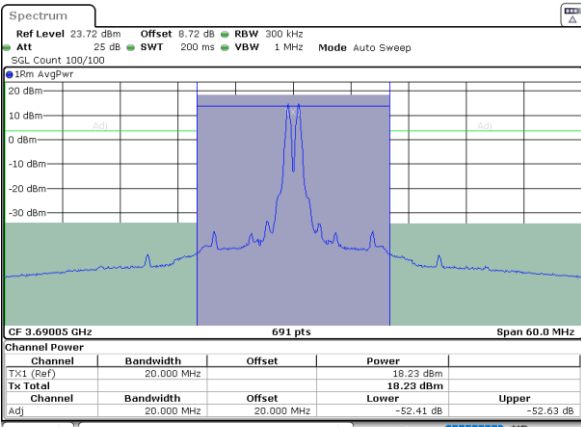
64QAM

Highest Band Edge / 1RB0 and 1RB49



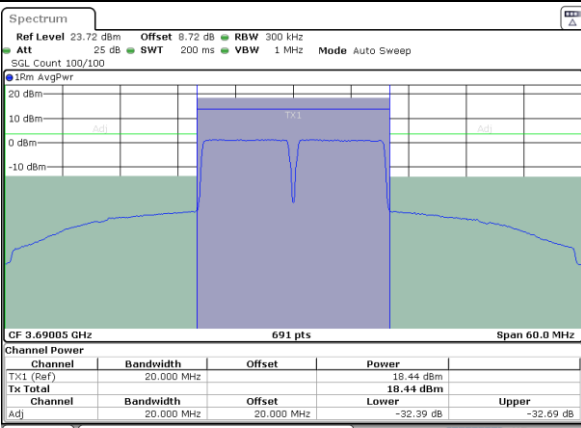
Date: 9_MAR_2024 04:16:32

Highest Band Edge / 1RB49 and 1RB0



Date: 9_MAR_2024 04:20:25

Highest Band Edge / Full RB



Date: 9_MAR_2024 04:14:12

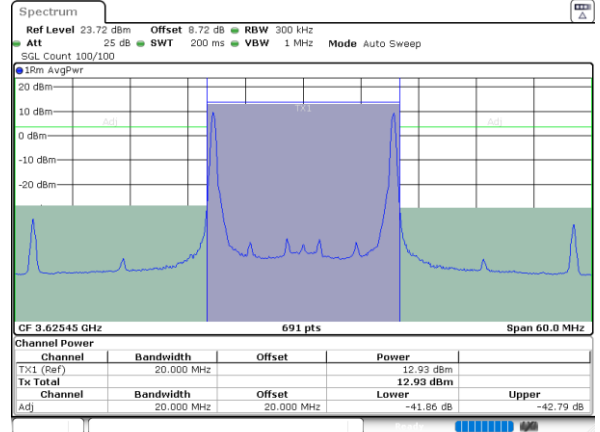
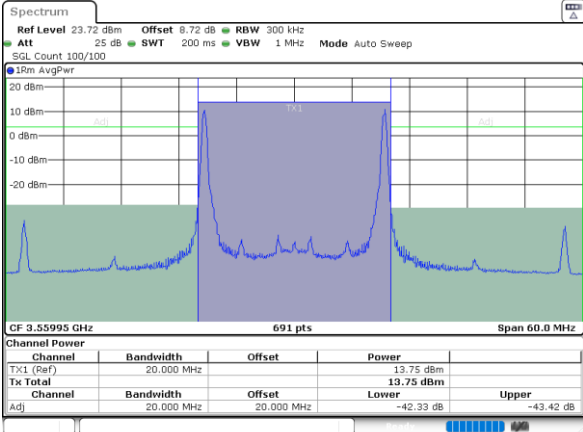


LTE Band 48B / 10MHz+10MHz

256QAM

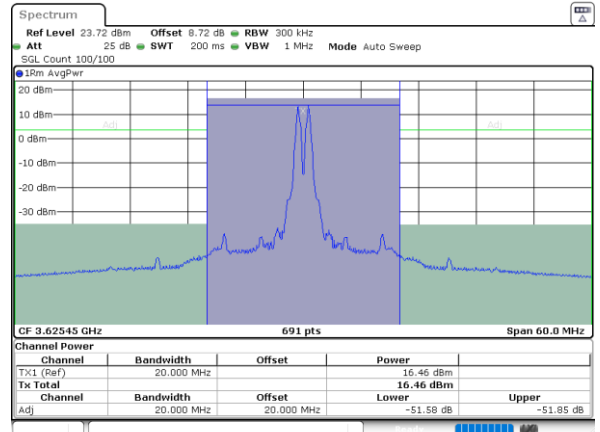
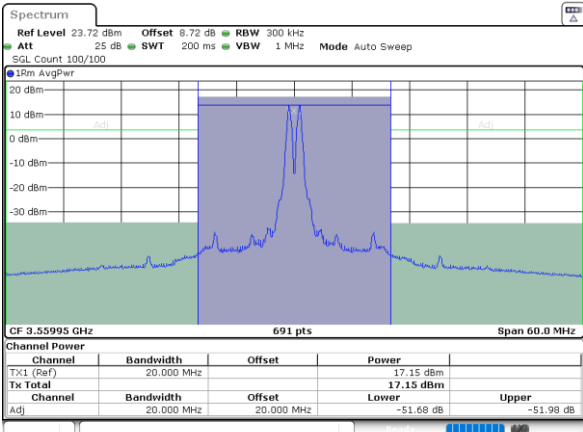
Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49



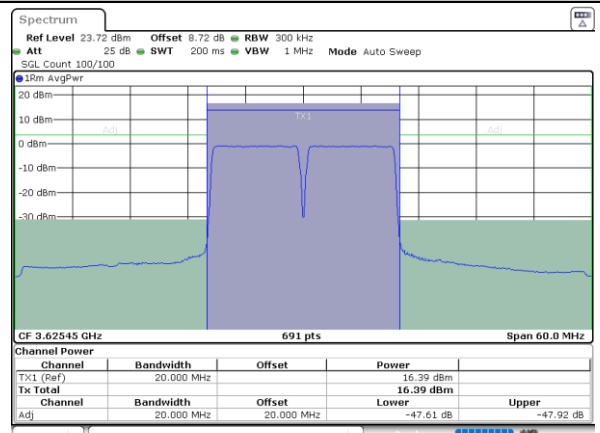
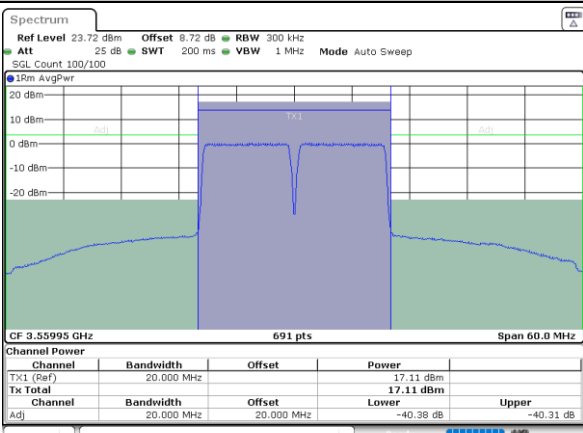
Lowest Band Edge / 1RB49 and 1RB0

Middle Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Middle Band Edge / Full RB

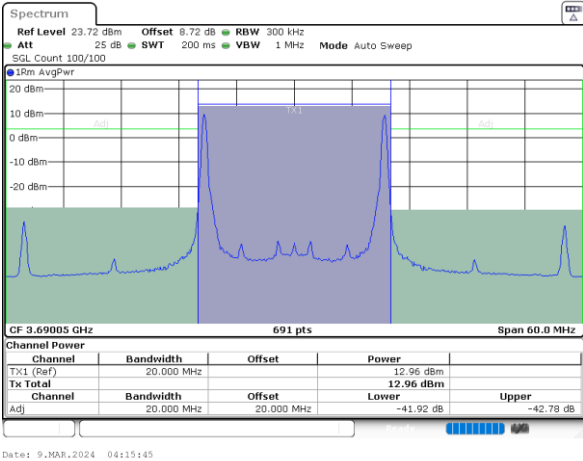




LTE Band 48B / 10MHz+10MHz

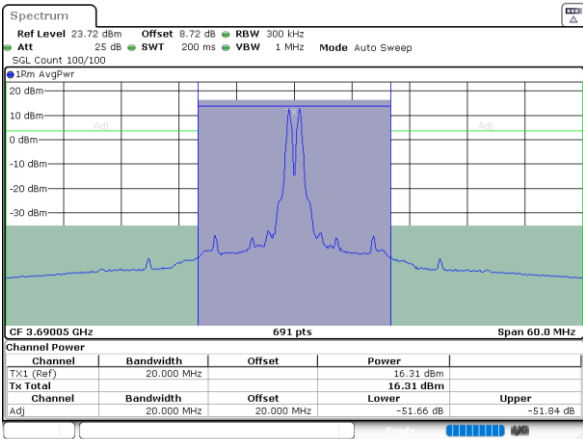
256QAM

Highest Band Edge / 1RB0 and 1RB49



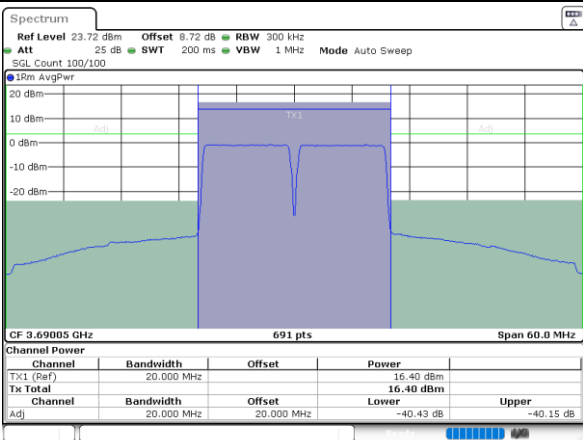
Date: 9_MAR_2024 04:15:45

Highest Band Edge / 1RB49 and 1RB0



Date: 9_MAR_2024 04:21:12

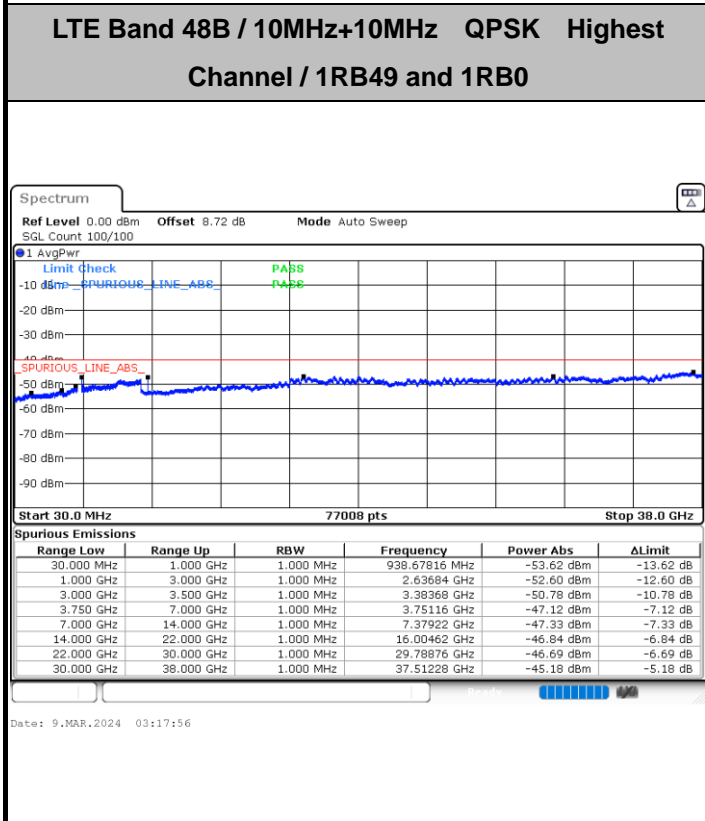
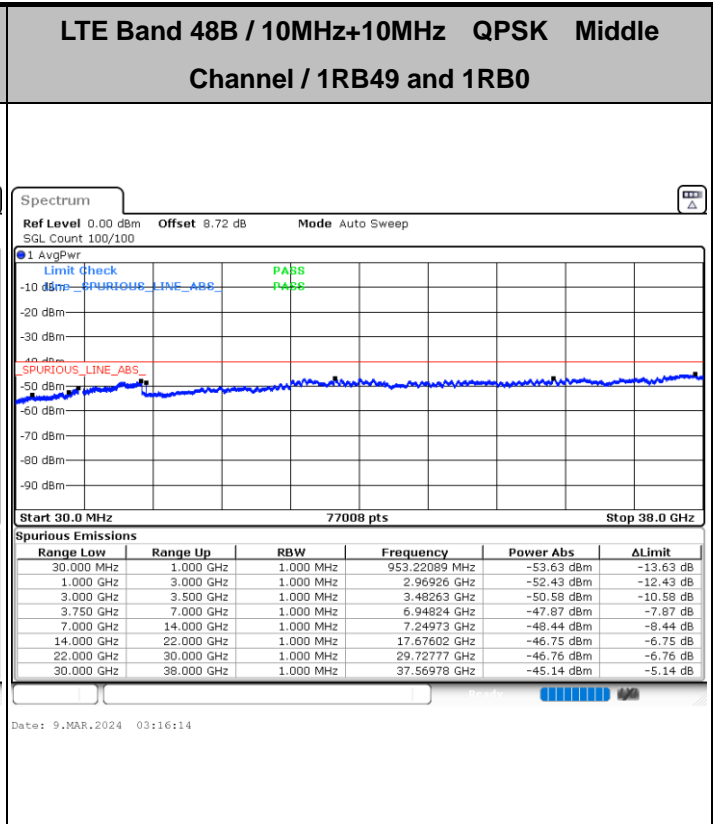
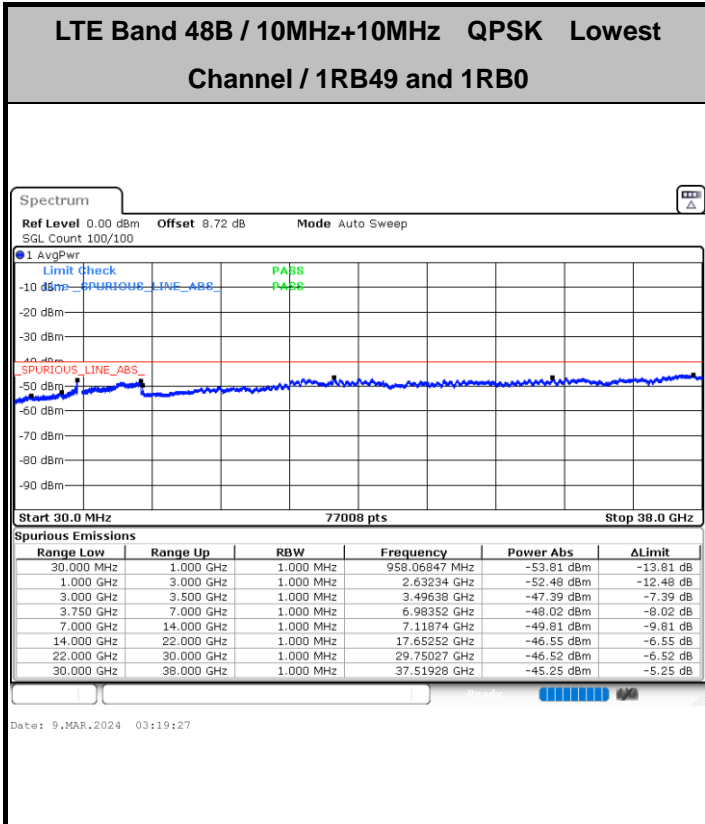
Highest Band Edge / Full RB



Date: 9_MAR_2024 04:14:58



Conducted Spurious Emission





Frequency Stability

Test Conditions		LTE Band 48B (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10+10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0025	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0011	
20	Battery End Point	0.0015	

Note:

1. Normal Voltage =3.88 V. ; Battery End Point (BEP)=3.4 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 48C

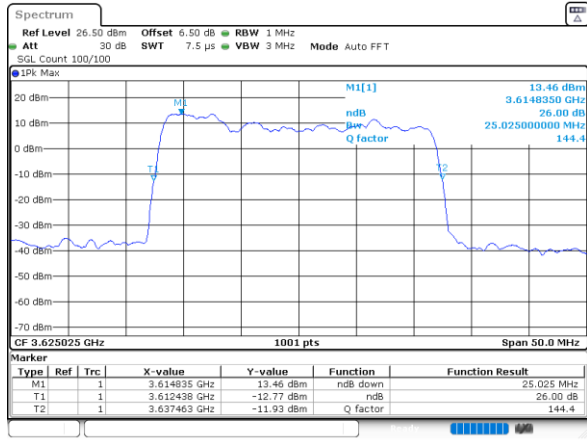
26dB Bandwidth

Mode	LTE Band 48C : 26dB BW(MHz)	
QPSK	QPSK	16QAM
BW	5MHz+20MHz	5MHz+20MHz
Middle CH	25.03	24.98
QPSK	QPSK	16QAM
BW	10MHz+20MHz	10MHz+20MHz
Middle CH	29.97	29.85
QPSK	QPSK	16QAM
BW	15MHz+20MHz	15MHz+20MHz
Middle CH	34.97	35.04
QPSK	QPSK	16QAM
BW	20MHz+5MHz	20MHz+5MHz
Middle CH	25.03	24.78
QPSK	QPSK	16QAM
BW	20MHz+10MHz	20MHz+10MHz
Middle CH	29.97	30.09
QPSK	QPSK	16QAM
BW	20MHz+15MHz	20MHz+15MHz
Middle CH	34.90	34.90
QPSK	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	40.04	39.88



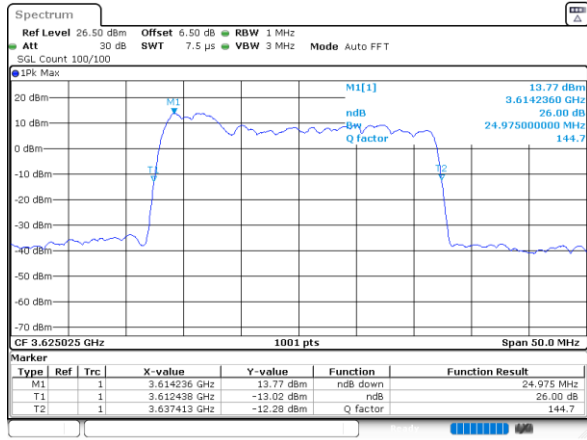
LTE Band 48C

Middle Channel / 5MHz+20MHz/QPSK



Date: 25.MAR.2024 00:11:22

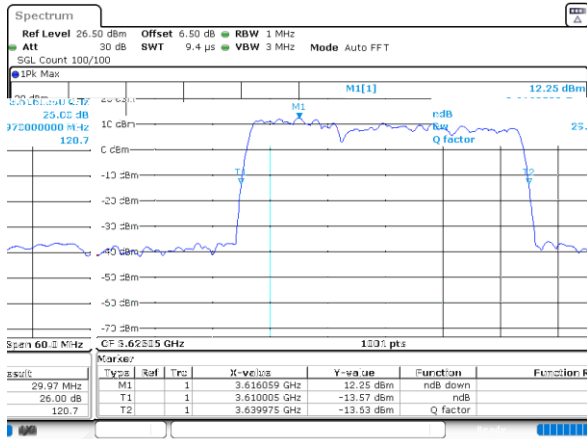
Middle Channel / 5MHz+20MHz/16QAM



Date: 25.MAR.2024 00:12:52

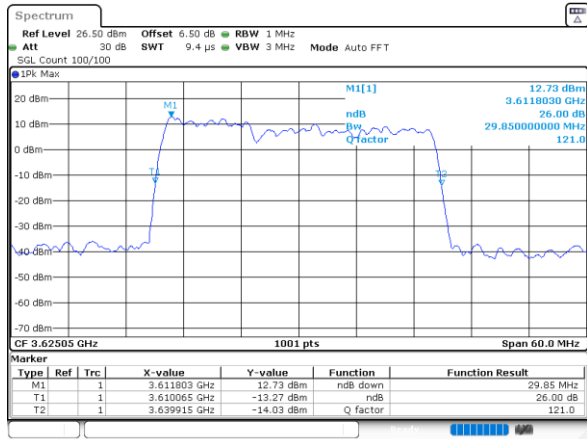
LTE Band 48C

Middle Channel / 10MHz+20MHz/QPSK



Date: 25.MAR.2024 00:16:47

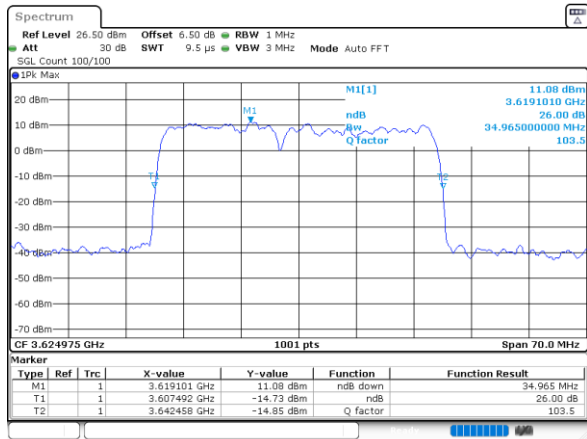
Middle Channel / 10MHz+20MHz/16QAM



Date: 25.MAR.2024 00:18:16

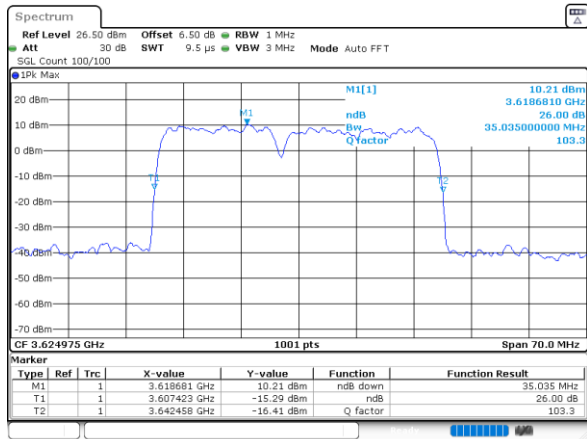
LTE Band 48C

Middle Channel / 15MHz+20MHz/QPSK



Date: 25.MAR.2024 00:27:53

Middle Channel / 15MHz+20MHz/16QAM

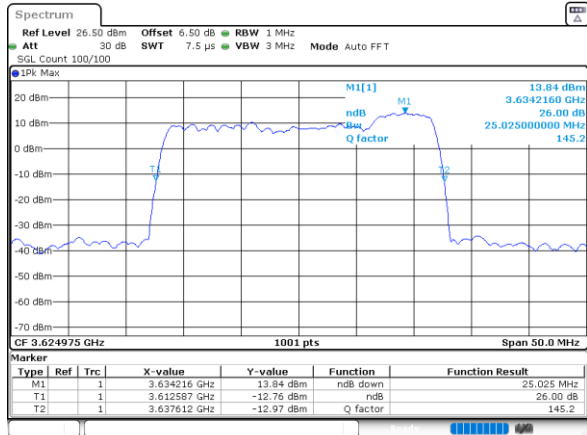


Date: 25.MAR.2024 00:29:22



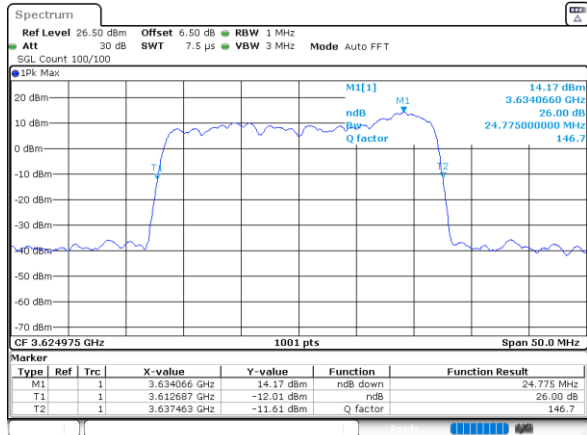
LTE Band 48C

Middle Channel / 20MHz+5MHz/QPSK



Date: 25.MAR.2024 01:15:45

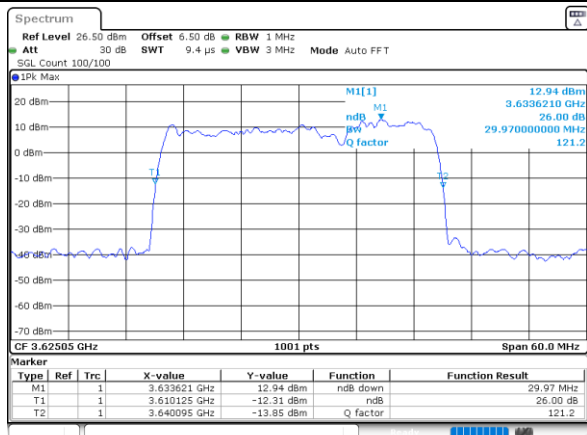
Middle Channel / 20MHz+5MHz/16QAM



Date: 25.MAR.2024 01:17:14

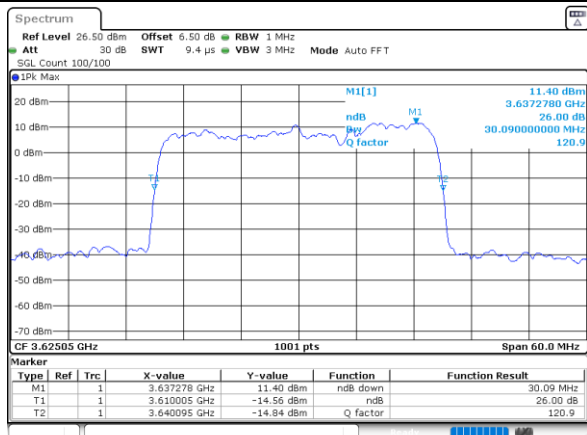
LTE Band 48C

Middle Channel / 20MHz+10MHz/QPSK



Date: 25.MAR.2024 01:20:36

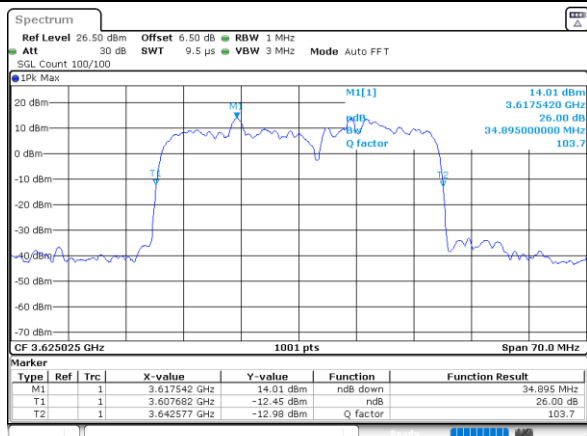
Middle Channel / 20MHz+10MHz/16QAM



Date: 25.MAR.2024 01:22:04

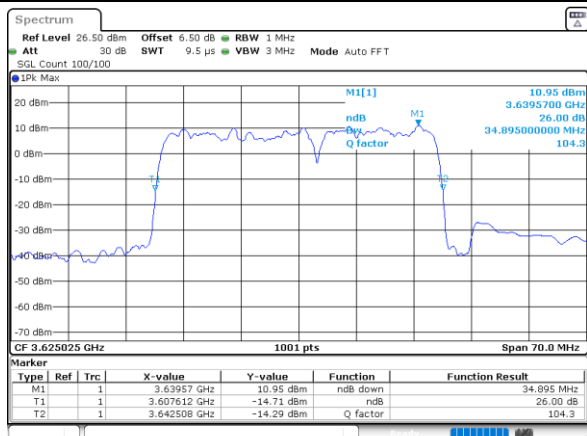
LTE Band 48C

Middle Channel / 20MHz+15MHz/QPSK



Date: 25.MAR.2024 01:22:43

Middle Channel / 20MHz+15MHz/16QAM

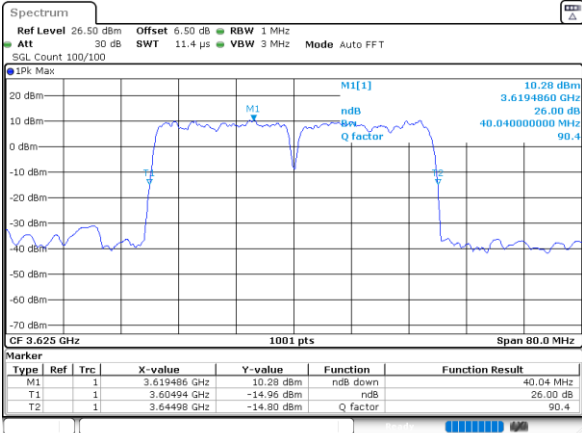


Date: 25.MAR.2024 01:24:12



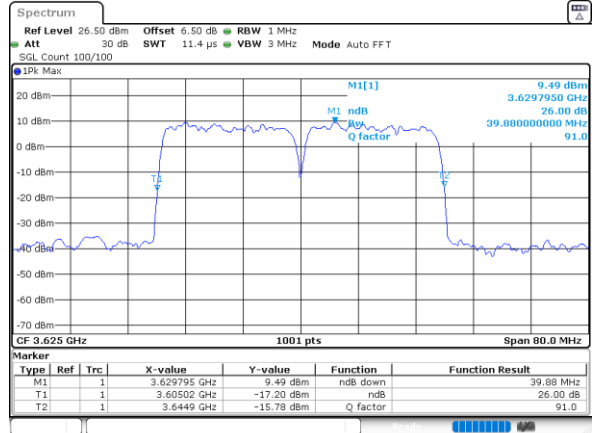
LTE Band 48C

Middle Channel / 20MHz+20MHz/QPSK



Date: 25.MAR.2024 01:26:30

Middle Channel / 20MHz+20MHz/16QAM



Date: 25.MAR.2024 01:27:53



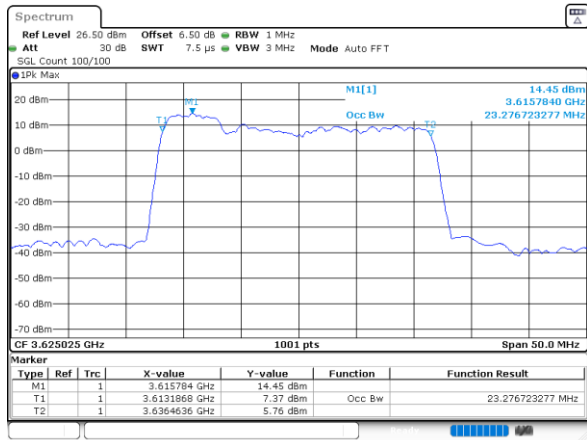
Occupied Bandwidth

Mode	LTE Band 48C : OBW(MHz)	
QPSK	QPSK	16QAM
BW	5MHz+20MHz	5MHz+20MHz
Middle CH	23.28	23.28
QPSK	QPSK	16QAM
BW	10MHz+20MHz	10MHz+20MHz
Middle CH	28.11	28.17
QPSK	QPSK	16QAM
BW	15MHz+20MHz	15MHz+20MHz
Middle CH	33.01	33.01
QPSK	QPSK	16QAM
BW	20MHz+5MHz	20MHz+5MHz
Middle CH	23.38	23.23
QPSK	QPSK	16QAM
BW	20MHz+10MHz	20MHz+10MHz
Middle CH	28.05	27.99
QPSK	QPSK	16QAM
BW	20MHz+15MHz	20MHz+15MHz
Middle CH	32.94	32.87
QPSK	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	37.48	37.88



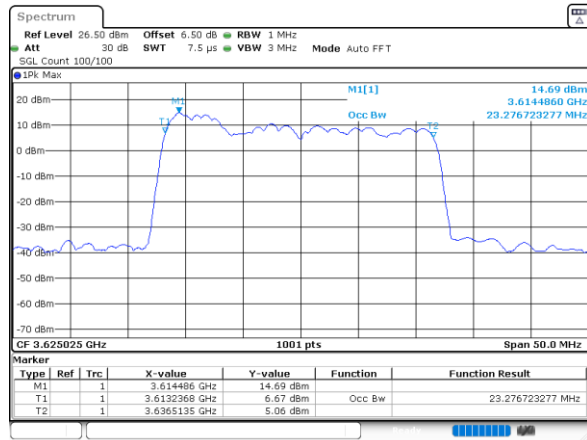
LTE Band 48C

Middle Channel / 5MHz+20MHz/QPSK



Date: 25.MAR.2024 00:11:52

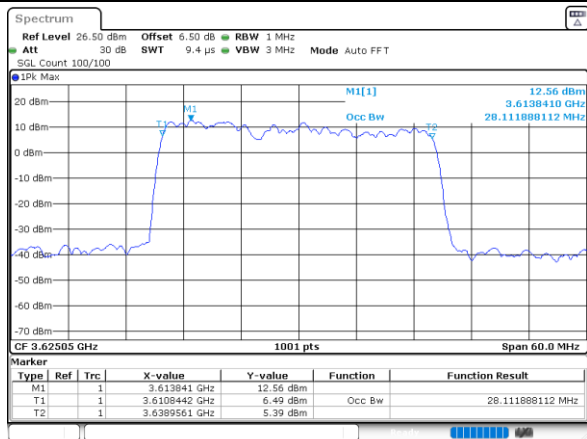
Middle Channel / 5MHz+20MHz/16QAM



Date: 25.MAR.2024 00:12:22

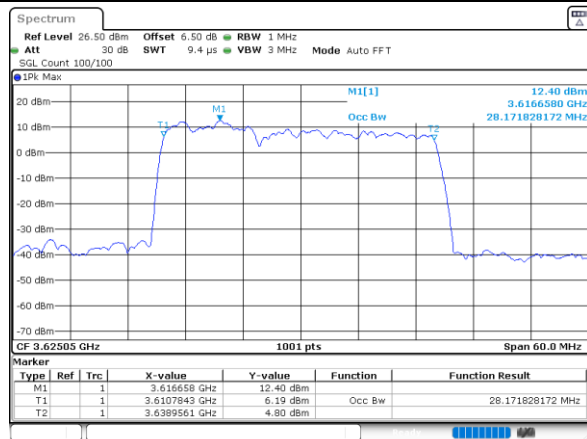
LTE Band 48C

Middle Channel / 10MHz+20MHz/QPSK



Date: 25.MAR.2024 00:17:17

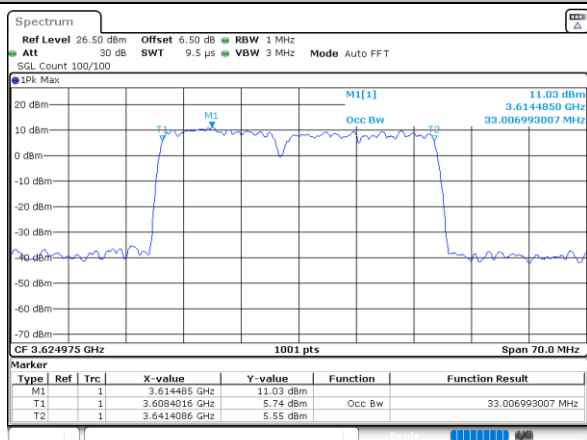
Middle Channel / 10MHz+20MHz/16QAM



Date: 25.MAR.2024 00:17:47

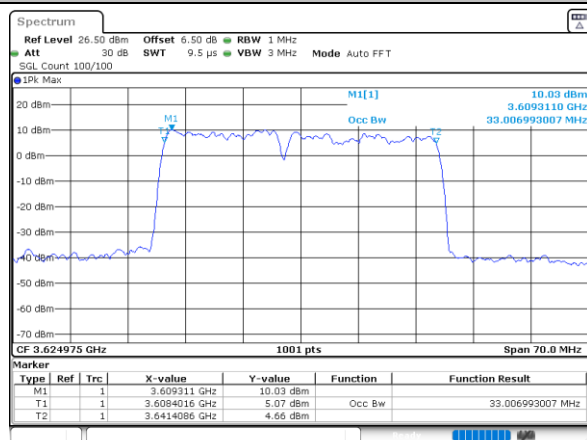
LTE Band 48C

Middle Channel / 15MHz+20MHz/QPSK



Date: 25.MAR.2024 00:28:23

Middle Channel / 15MHz+20MHz/16QAM

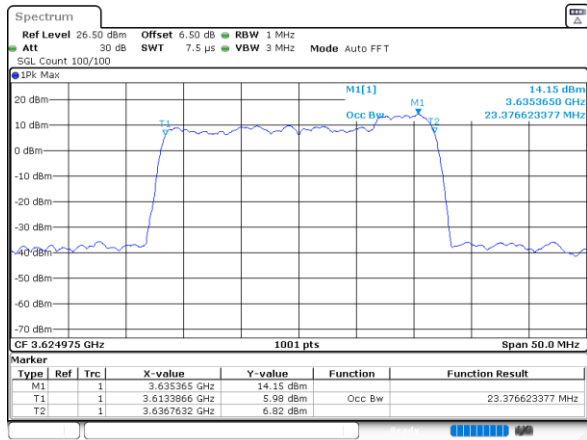


Date: 25.MAR.2024 00:28:52



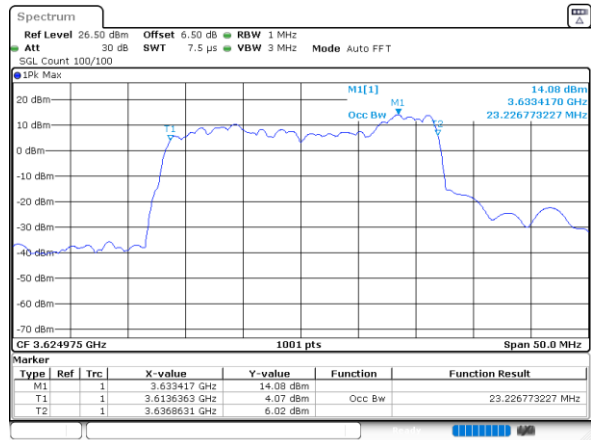
LTE Band 48C

Middle Channel / 20MHz+5MHz/QPSK



Date: 25.MAR.2024 01:16:15

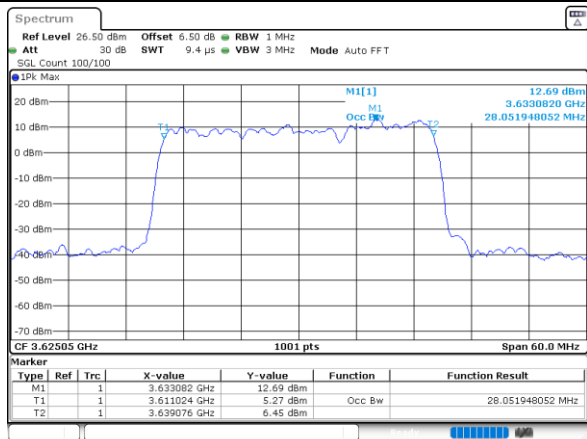
Middle Channel / 20MHz+5MHz/16QAM



Date: 25.MAR.2024 01:16:45

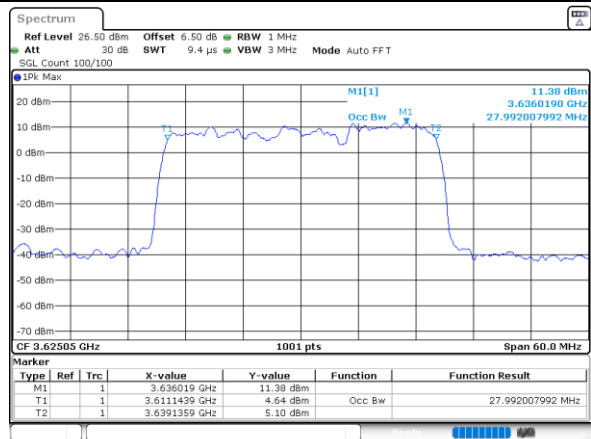
LTE Band 48C

Middle Channel / 20MHz+10MHz/QPSK



Date: 25.MAR.2024 01:21:05

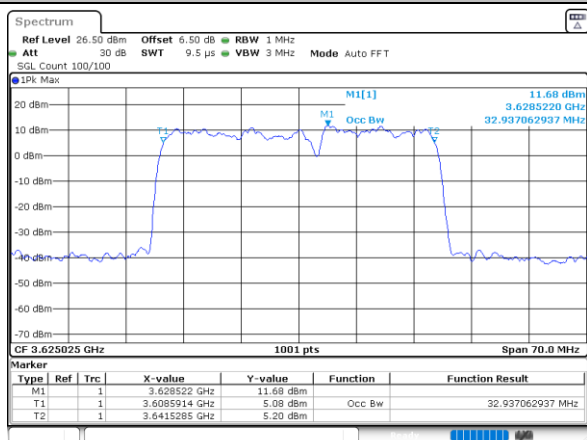
Middle Channel / 20MHz+10MHz/16QAM



Date: 25.MAR.2024 01:21:35

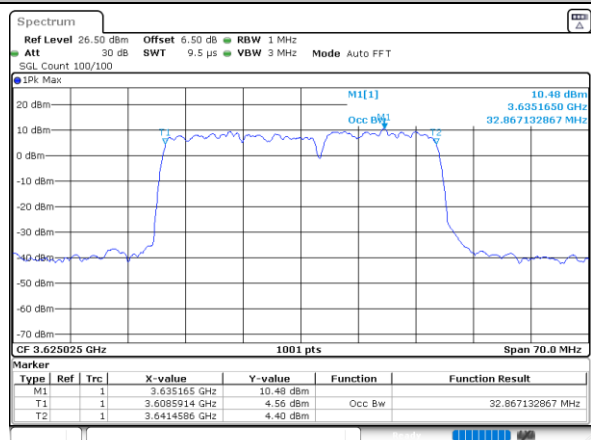
LTE Band 48C

Middle Channel / 20MHz+15MHz/QPSK



Date: 25.MAR.2024 01:23:13

Middle Channel / 20MHz+15MHz/16QAM

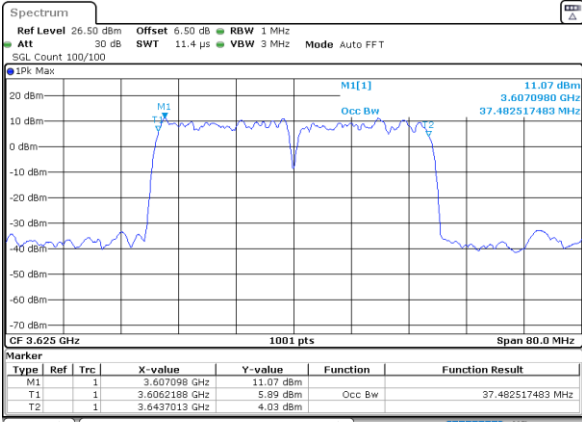


Date: 25.MAR.2024 01:23:42



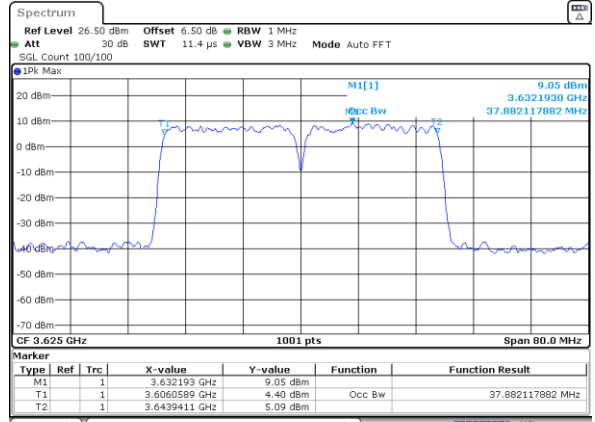
LTE Band 48C

Middle Channel / 20MHz+20MHz/QPSK



Date: 25.MAR.2024 01:26:57

Middle Channel / 20MHz+20MHz/16QAM



Date: 25.MAR.2024 01:27:25



Conducted Band Edge

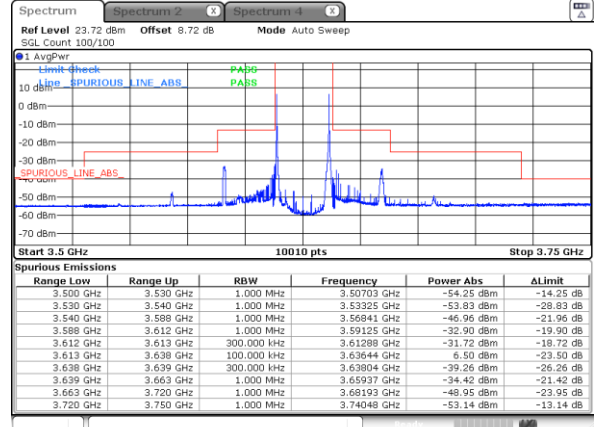
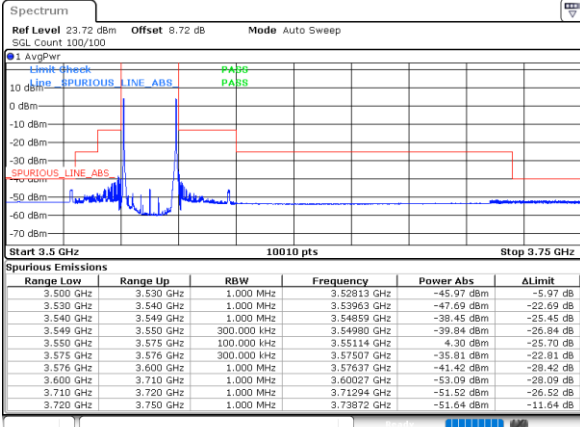


LTE Band 48C / 5MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB99

Middle Band Edge / 1RB0 and 1RB99

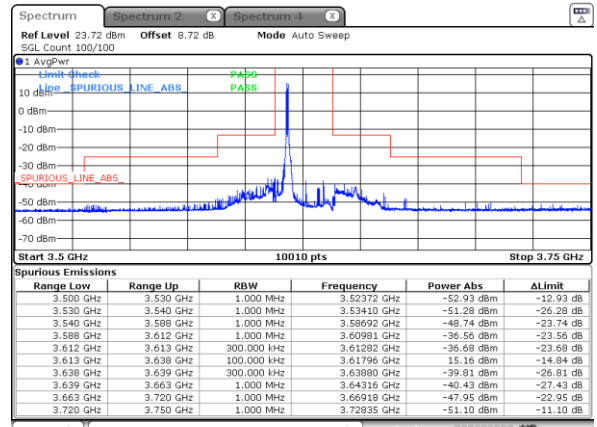
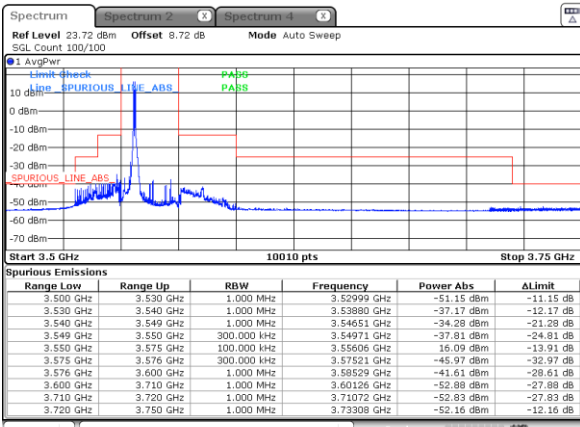


Date: 21.MAR.2024 22:08:50

Date: 6.MAR.2024 04:18:17

Lowest Band Edge / 1RB24 and 1RB0

Middle Band Edge / 1RB24 and 1RB0

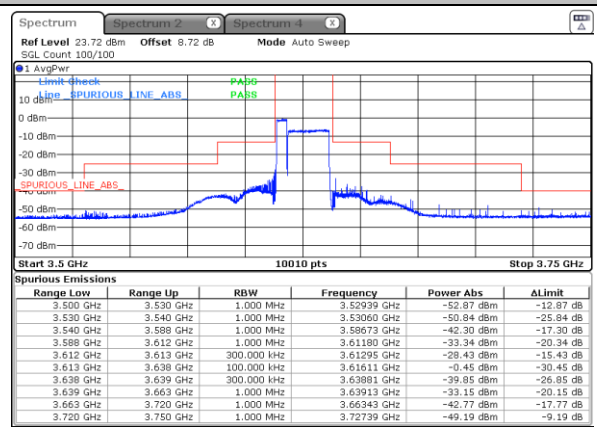
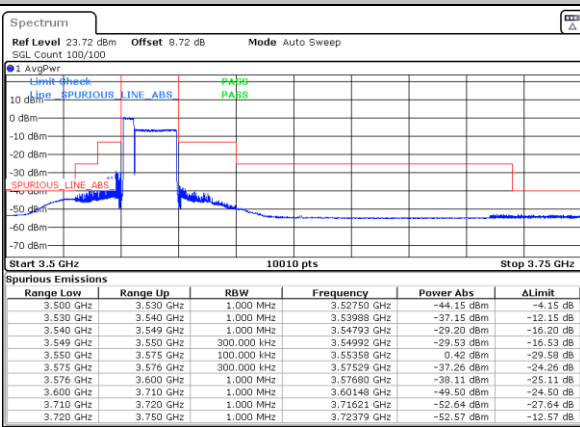


Date: 6.MAR.2024 03:51:20

Date: 6.MAR.2024 04:21:17

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 18.MAR.2024 23:07:40

Date: 6.MAR.2024 04:03:17

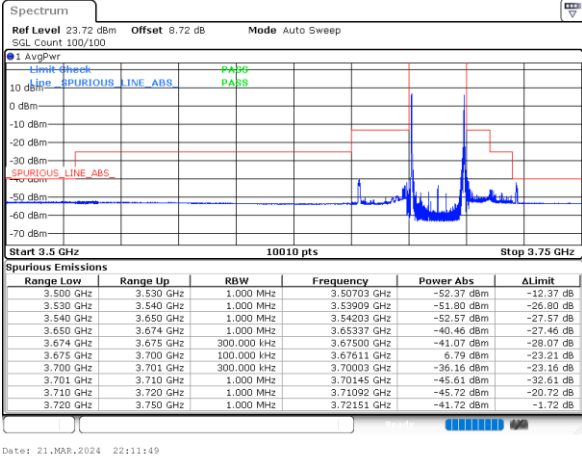


LTE Band 48C / 5MHz+20MHz

QPSK

Highest Band Edge / 1RB0 and 1RB9

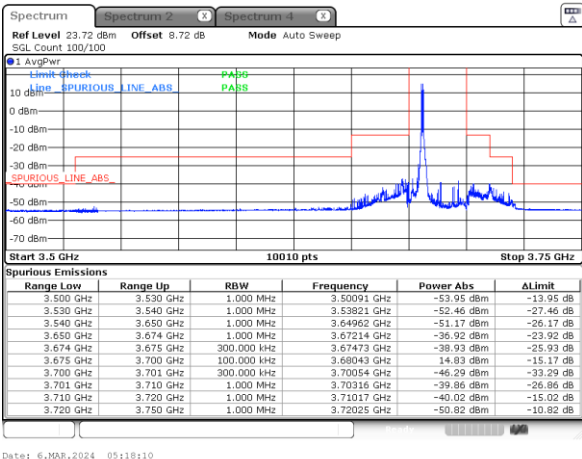
N/A



Date: 21.MAR.2024 22:11:49

Highest Band Edge / 1RB24 and 1RB0

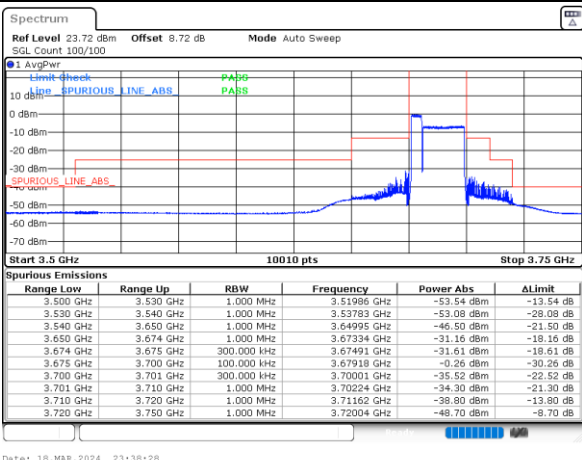
N/A



Date: 6.MAR.2024 05:18:10

Highest Band Edge / Full RB

N/A



Date: 18.MAR.2024 23:38:28

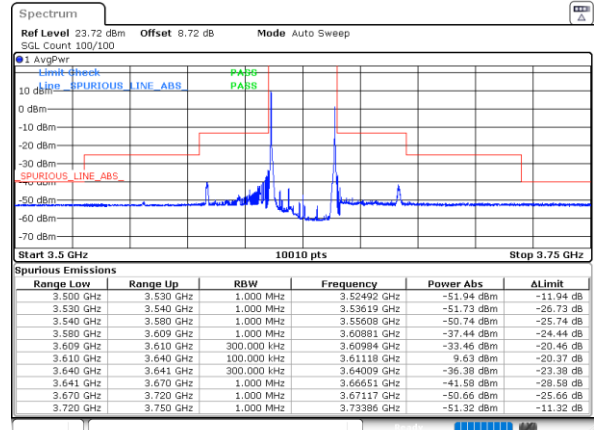
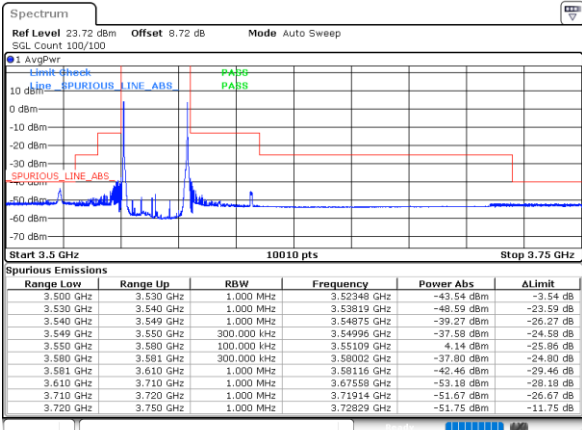


LTE Band 48C / 10MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB99

Middle Band Edge / 1RB0 and 1RB99

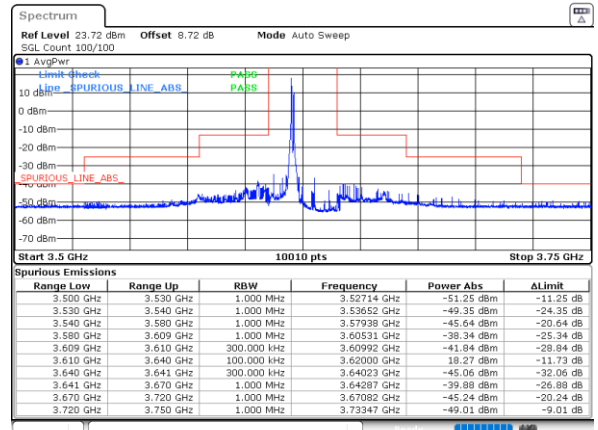
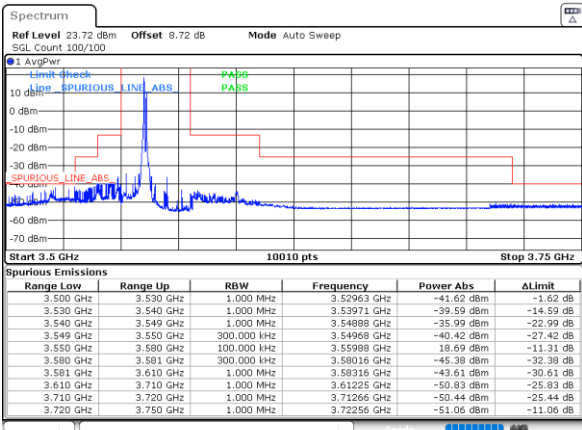


Date: 21.MAR.2024 23:40:05

Date: 6.MAR.2024 22:03:03

Lowest Band Edge / 1RB49 and 1RB0

Middle Band Edge / 1RB49 and 1RB0

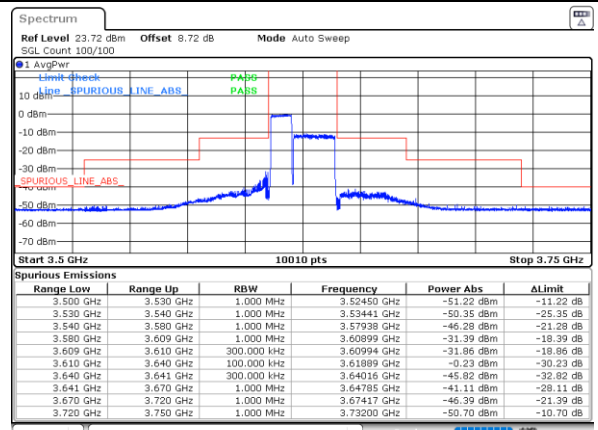
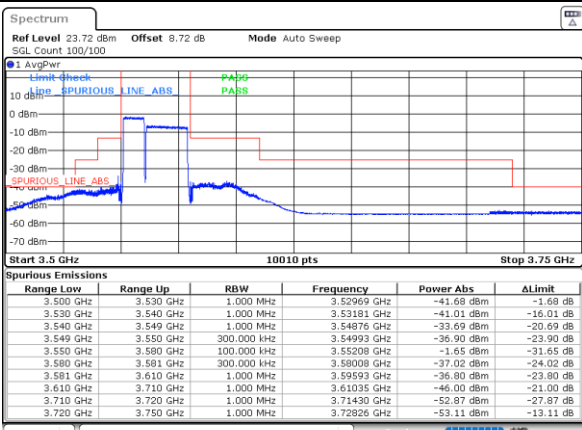


Date: 6.MAR.2024 21:42:54

Date: 6.MAR.2024 22:05:32

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 19.MAR.2024 04:40:51

Date: 6.MAR.2024 21:50:38

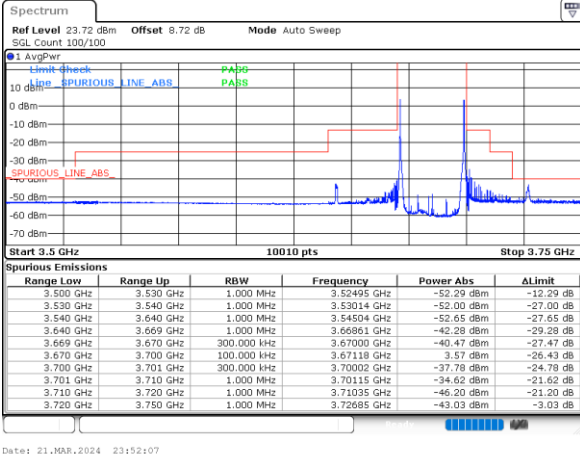


LTE Band 48C / 10MHz+20MHz

QPSK

Highest Band Edge / 1RB0 and 1RB99

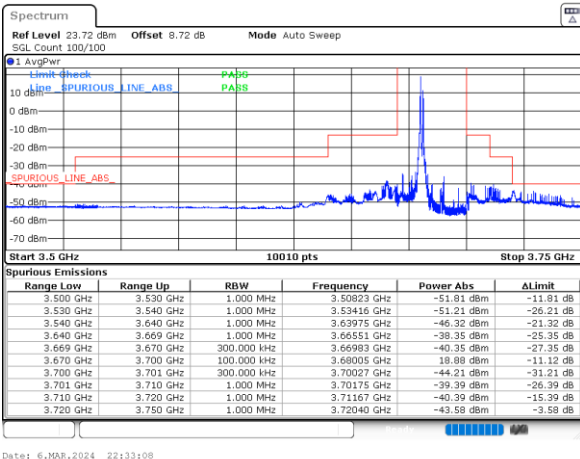
N/A



Date: 21.MAR.2024 23:52:07

Highest Band Edge / 1RB49 and 1RB0

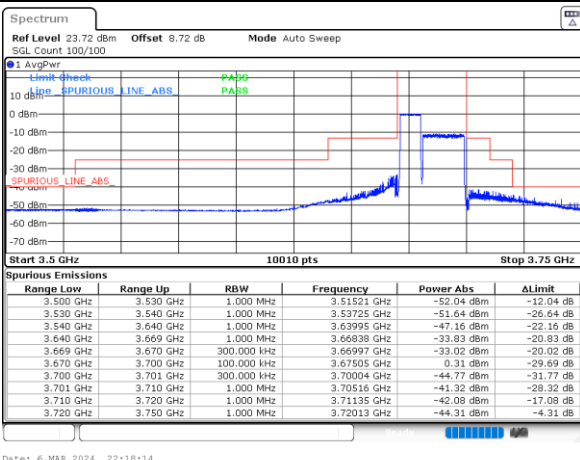
N/A



Date: 6.MAR.2024 22:33:08

Highest Band Edge / Full RB

N/A



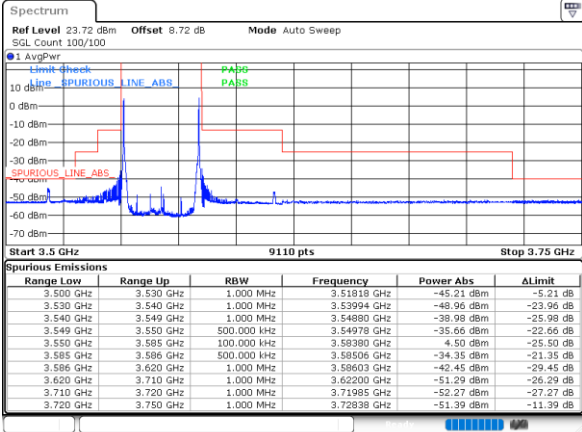
Date: 6.MAR.2024 22:18:14



LTE Band 48C / 15MHz+20MHz

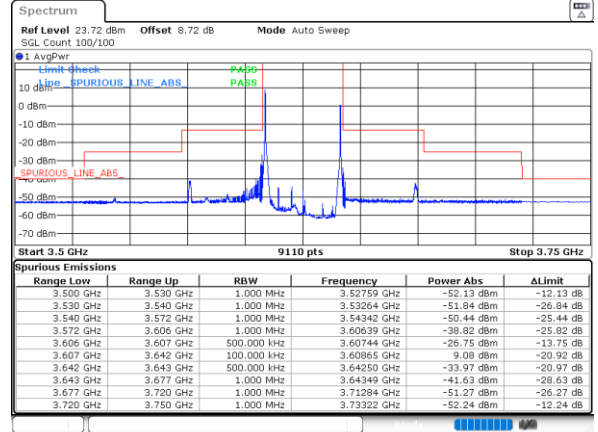
QPSK

Lowest Band Edge / 1RB0 and 1RB9



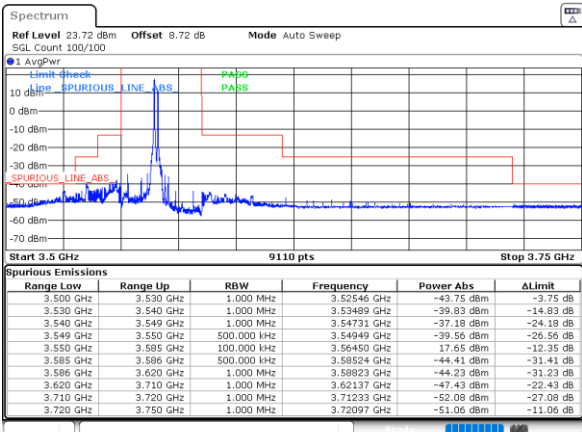
Date: 22.MAR.2024 00:49:33

Middle Band Edge / 1RB0 and 1RB9



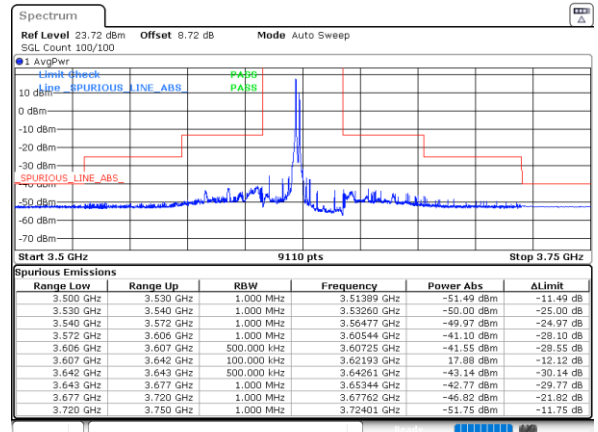
Date: 7.MAR.2024 00:19:16

Lowest Band Edge / 1RB74 and 1RB0



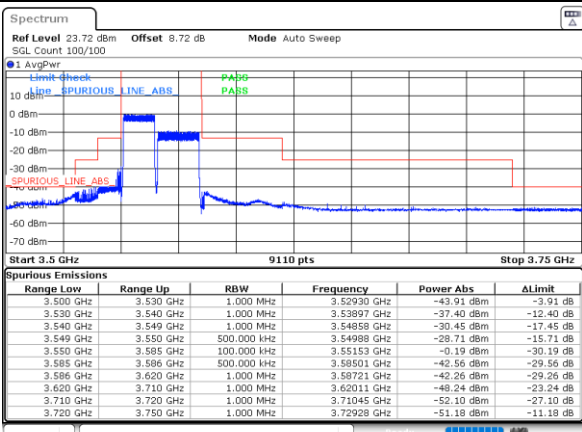
Date: 6.MAR.2024 23:58:54

Middle Band Edge / 1RB74 and 1RB0



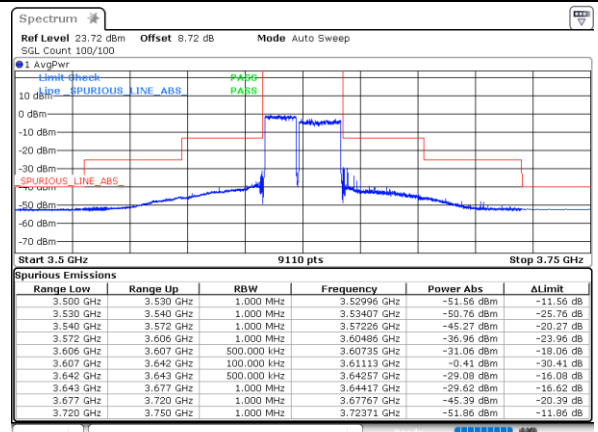
Date: 7.MAR.2024 00:21:45

Lowest Band Edge / Full RB



Date: 6.MAR.2024 23:43:57

Middle Band Edge / Full RB



Date: 8.MAR.2024 05:37:49

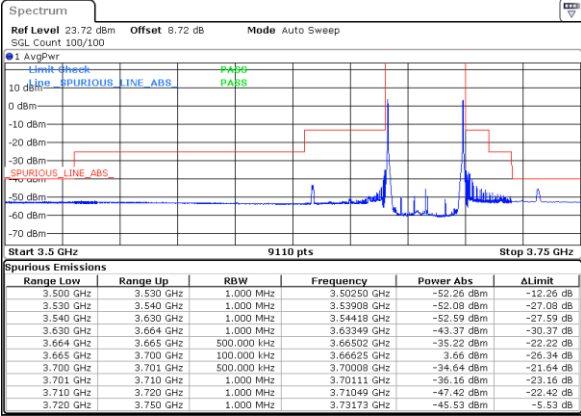


LTE Band 48C / 15MHz+20MHz

QPSK

Highest Band Edge / 1RB0 and 1RB99

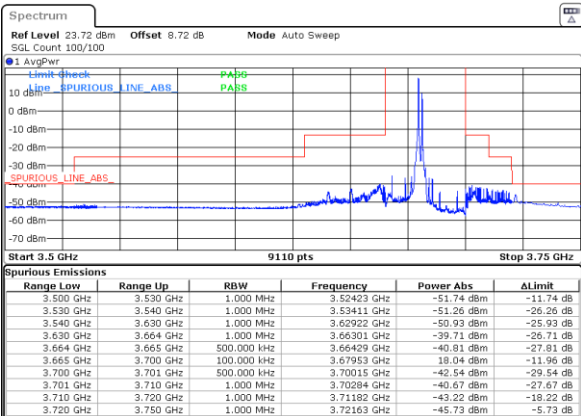
N/A



Date: 22.MAR.2024 00:57:01

Highest Band Edge / 1RB74 and 1RB0

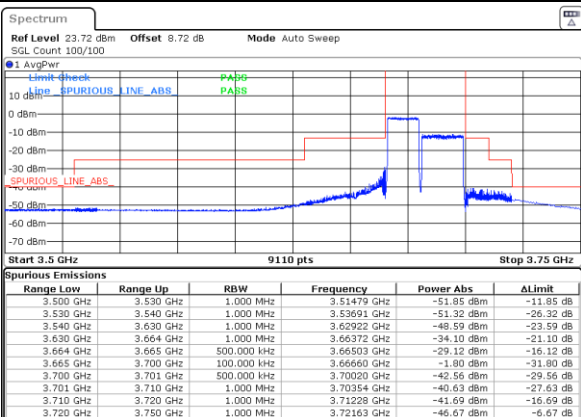
N/A



Date: 7.MAR.2024 00:45:49

Highest Band Edge / Full RB

N/A



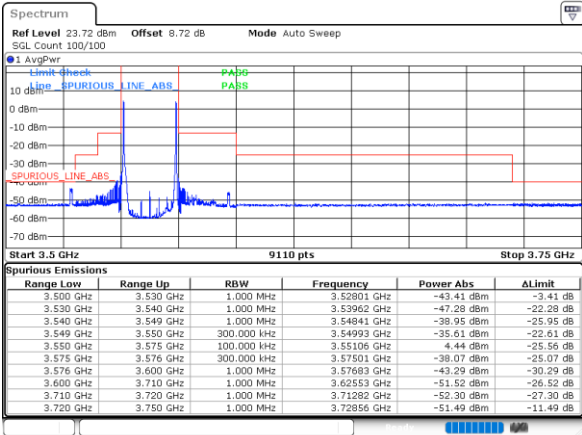
Date: 7.MAR.2024 00:32:52



LTE Band 48C/ 20MHz+5MHz

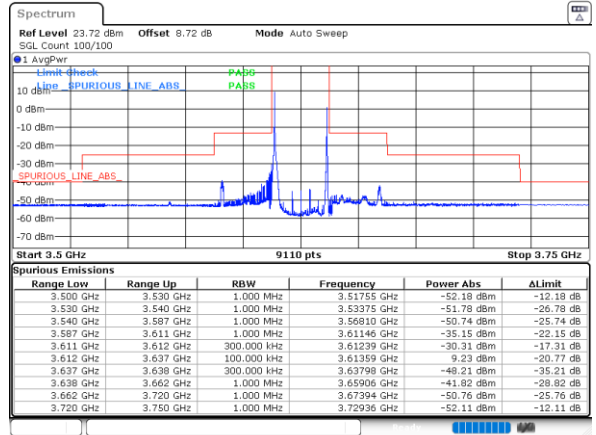
QPSK

Lowest Band Edge / 1RB0 and 1RB24



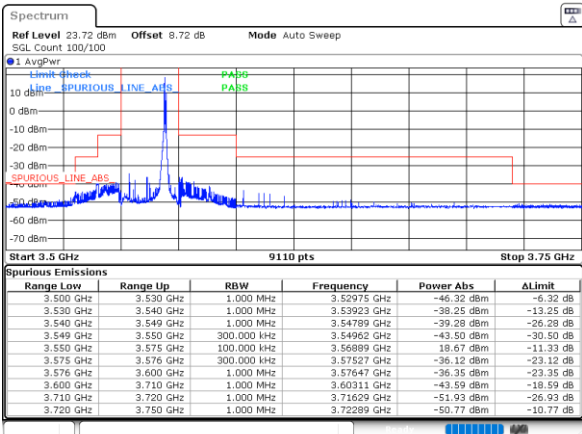
Date: 21.MAR.2024 22:48:37

Middle Band Edge / 1RB0 and 1RB24



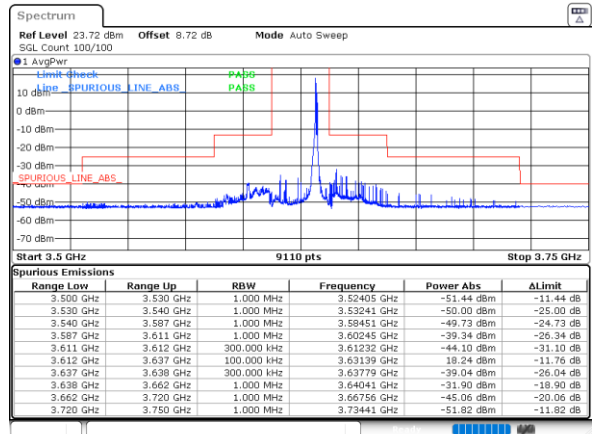
Date: 6.MAR.2024 20:55:01

Lowest Band Edge / 1RB99 and 1RB0



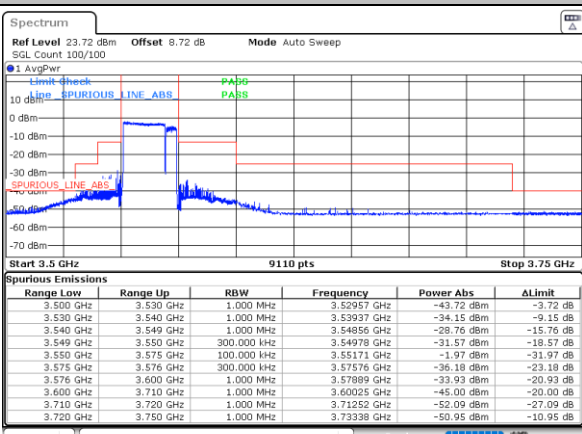
Date: 6.MAR.2024 20:34:47

Middle Band Edge / 1RB99 and 1RB0



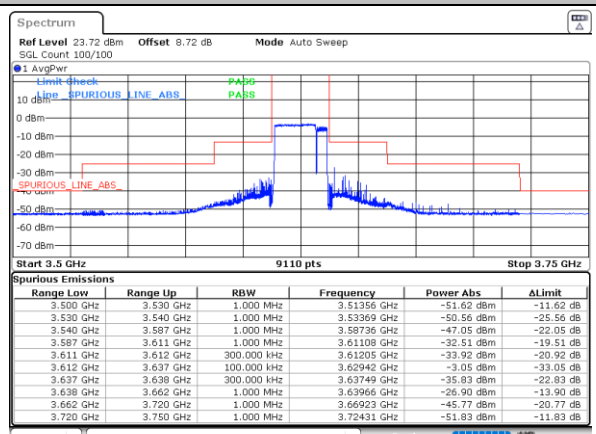
Date: 6.MAR.2024 20:57:30

Lowest Band Edge / Full RB



Date: 6.MAR.2024 20:19:50

Middle Band Edge / Full RB



Date: 6.MAR.2024 20:42:33

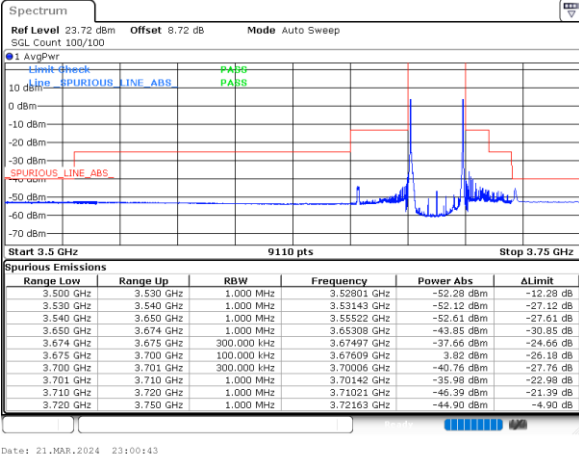


LTE Band 48C / 20MHz+5MHz

QPSK

Highest Band Edge / 1RB0 and 1RB24

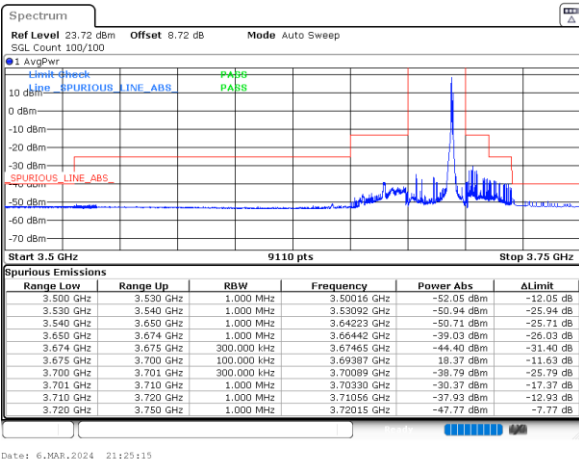
N/A



Date: 21.MAR.2024 23:00:43

Highest Band Edge / 1RB99 and 1RB0

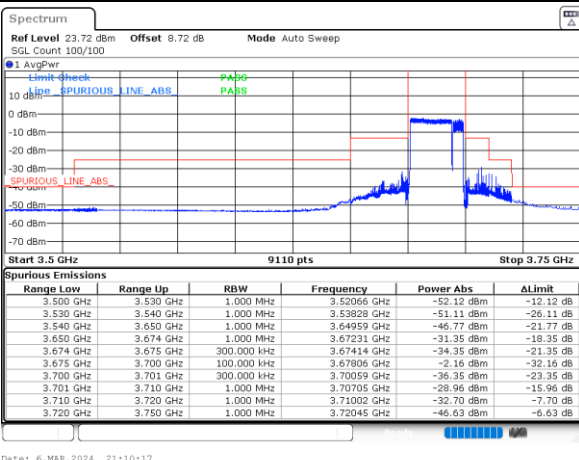
N/A



Date: 6.MAR.2024 21:25:15

Highest Band Edge / Full RB

N/A



Date: 6.MAR.2024 21:10:17

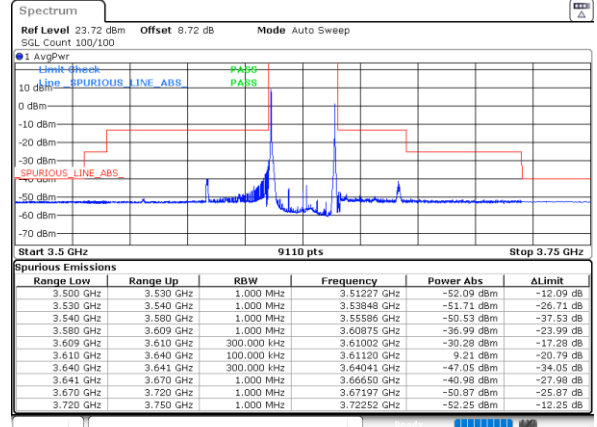
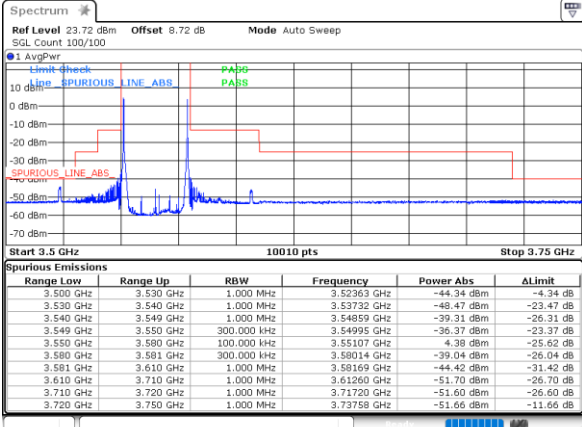


LTE Band 48C / 20MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49

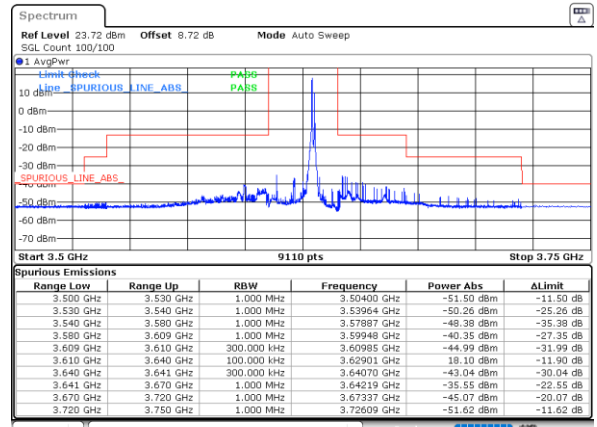
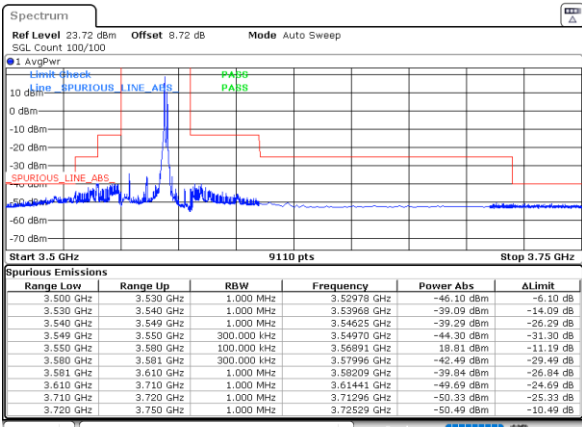


Date: 22.MAR.2024 00:01:50

Date: 6.MAR.2024 23:10:51

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

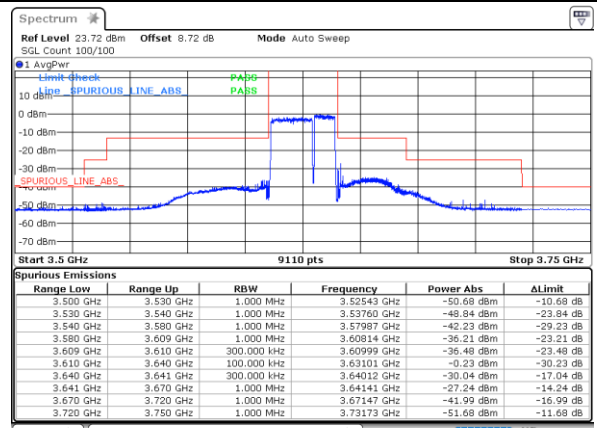
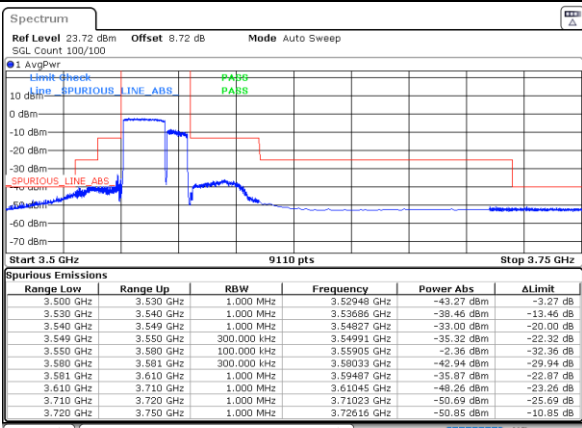


Date: 6.MAR.2024 22:50:38

Date: 6.MAR.2024 23:13:21

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 6.MAR.2024 22:35:41

Date: 8.MAR.2024 05:53:48